

## MODIS Science Data Support Team (SDST) Meeting Minutes 11/06/92

ATTENDEES: Lloyd Carpenter, Paul Chan, Jy-Tai Chang, Larry Fishtahler, Al Fleig, Tom Goff, Liam Gumley, Paul Hubanks, Ed Masuoka, J. J. Pan, Greg Schmidt, Will Webster

NEXT MEETING:	Date	Time	Building	Room
	Friday, November 13	10:00 am	22	G95

### TOPICS:

1. CASE CLASS: The class on CASE tools has been scheduled for November 16 and 17 in Building 16, Room 242, and November 19 in Building 25, Room S199. The class will run from 9:30 to 4:30 each day. Greg Schmidt is the contact person.

2. HDF FORMAT: Liam Gumley is the MODIS SDST contact person on matters relating to the HDF.

3. MODIS AIRBORNE SIMULATOR (MAS): Liam Gumley presented a status report on the MODIS Airborne Simulator software developments, data processing, and the Data User's Guide. Several small enhancements to the Level-1B production program were completed. The final set of visible/NIR calibration coefficients for the FIRE mission were received from Tom Arnold. This information has been included in the FIRE instrument configuration files. The final processing of FIRE data can now begin.

Work has begun on a MAS Data User's Guide, which will be published as a MODIS Technical Manual (TM).

4. MODIS LEVEL-2 PROCESSING SHELL: J.J. Pan discussed the algorithm dependency diagram and the seven different MODIS data product tables which were presented at the MODIS Science Team Meeting. Updates to the products are needed from the science team members before the algorithm dependency can be further refined.

Further progress is being made on the use of the HDF calling interfaces and utilities and the Level-2 prototype running environment.

5. MODIS LEVEL-1 EARTH NAVIGATION SOFTWARE: Paul Hubanks

summarized discussions he had with Dave Diner of JPL at the MODIS Science Team Meeting on geolocation, topographic corrections, and geolocation error budgets for MODIS and MISR. He also presented a list of the USGS software routines used for Earth navigation and geometric rectification of AVHRR data.

#### ACTION ITEMS:

06/12/92 [Tom Goff, Carroll Hood] Develop separate detailed schedules using Microsoft Project for Level-1A and -1B software design and development. (Refine the use of Microsoft Project so that it becomes a useful tool rather than an action item.) STATUS: Open. Due Date: 07/10/92

07/31/92 [Tom Goff, Ed Masuoka, Al Fleig] Develop the purpose and requirements for a packet simulator. Get more information on the packet simulator being developed by SBRC. (An updated requirements specification was included in the handout on 09/04/92. A copy was provided for the Science Team Meeting. Tom, Ed and Al meet to discuss.) STATUS: Open. Due Date: 09/04/92